

Amendments to the Claims:

Claims 1-19 have been amended herein. Claims 6 and 8 have been cancelled. New claims 20-24 have been added. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A casing section for use in a barrier, ~~said~~the casing section comprising:
a hollow elongated body having an inner surface, an outer surface, a longitudinal axis, a length and a perimeter;
a plurality of inner walls within the hollow elongated body;
a plurality of female interlock structures ~~defining recesses in the form of channels~~ disposed ~~about~~ saidwithin the body in a predetermined arrangement, each of ~~said recesses~~the channels defined by the inner surface of the hollow elongated body and at least one inner wall of the plurality and extending substantially parallel to ~~said~~the long axis along ~~said~~the length of ~~said~~the hollow elongated body and including ~~a substantially coextrusive~~an access slot thereinto from an exterior of the hollow elongated body;~~thereinto; and~~
an inner chamber within the hollow elongated body defined by at least some inner walls of the plurality and having at least one inner wall in common with the at least one inner wall defining a female interlock structure of the plurality; and
a male interlock structure protruding from the exterior of ~~attached to~~ ~~said~~the hollow elongated body and extending substantially parallel to ~~said~~the longitudinal axis and extending substantially along ~~said~~the length of ~~said~~the hollow elongated body, ~~said~~the male interlock structure configured to extend into an access slot of a ~~recess~~channel of a female interlock ~~slot structure~~ of another casing section.

2. (Currently Amended) The casing section of claim 1, wherein ~~said~~the male interlock structure has a T-shaped cross-sectional configuration.

3. (Currently Amended) The casing section of claim 1, wherein ~~said~~the male interlock includes a leading edge having at least a sharpened edge portion.

4. (Currently Amended) The casing section of claim 1, wherein ~~said~~the body is constructed of a material selected from the group consisting of ceramic, aggregate and polymeric materials.

5. (Currently Amended) The casing section of claim 1, wherein a portion of ~~said~~the casing section is constructed of a semipermeable porous material that allows air to pass therethrough.

6. (Cancelled)

7. (Currently Amended) The casing section of claim 1, wherein at least one of ~~said~~the plurality of female interlock ~~recesses~~structures comprises an interlock chamber configured to receive and interlock with a portion of a male interlock structure extending thereinto and accessible therethrough ~~said~~the access slot.

8. (Cancelled)

9. (Currently Amended) The casing section of ~~claim 8,~~claim 7, further comprising at least one bleed slot in ~~said channel~~the at least one inner wall defining the channel, connecting ~~said~~the channel to a bore of ~~said~~the hollow elongated body.

10. (Currently Amended) The casing section of ~~claim 8,~~claim 7, wherein ~~a wall of~~

~~said channel~~ an inner wall of the plurality and an external wall of the hollow elongated body ~~define~~ defines a grout injection manifold ~~manifold in connection with an external wall of said hollow elongated body.~~

11. (Currently Amended) The casing section of claim 1, further comprising a frangible seal disposed over ~~said~~the access slot.

12. (Currently Amended) The casing section of claim 1, wherein ~~said~~the female interlock structures are filled with a sealant.

13. (Currently Amended) The casing section of claim 12, wherein ~~said~~the sealant comprises a soft grout.

14. (Currently Amended) The casing section of claim 1, wherein the inner chamber further comprising a central tube inside said hollow elongated body running extends substantially parallel to ~~said~~the long axis.

15. (Currently Amended) The casing section of claim 14, further comprising a first reactive layer disposed in ~~said central tube, the inner chamber, said~~the first reactive layer configured to react with a contaminant exiting a zone of interest into an opening of ~~said tube, the inner chamber.~~

16. (Currently Amended) The casing section of claim 15, wherein ~~said~~the reactive layer comprises a replaceable reactive slug.

17. (Currently Amended) The casing section of claim 15, further comprising a second reactive layer disposed adjacent to ~~said~~the first reactive layer, ~~said~~the second reactive layer configured to react with a contaminant exiting ~~said~~the first reactive layer.

18. (Currently Amended) The casing section of claim 1, further comprising a

corrosion resistant coating disposed on ~~said~~the body.

19. (Currently Amended) The casing section of claim 18, wherein ~~said~~the corrosion resistant coating comprises a polymer or bonded ceramic.

20. (New) A casing section for use in a barrier, the casing section comprising:
a hollow elongated body having a longitudinal axis, a length and a perimeter, a portion of the hollow elongated body being constructed of a semipermeable porous material that allows air to pass therethrough;
a plurality of female interlock structures defining recesses disposed about the body in a predetermined arrangement, each of the recesses extending substantially parallel to the long axis along the length of the body and including an access slot thereinto from an exterior of the hollow elongated body; and
a male interlock structure protruding from the exterior of the hollow elongated body and extending substantially parallel to the longitudinal axis and extending substantially along the length of the body, the male interlock structure configured to extend into an access slot of a recess of a female interlock structure of another casing section.

21. (New) A casing section for use in a barrier, the casing section comprising:
a hollow elongated body having a longitudinal axis, a length and a perimeter;
a plurality of female interlock structures defining recesses disposed about the body in a predetermined arrangement, each of the recesses extending substantially parallel to the long axis along the length of the body and including an access slot thereinto from an exterior of the hollow elongated body;
a male interlock structure protruding from the hollow elongated body and extending substantially parallel to the longitudinal axis and extending substantially along the length of the body, the male interlock structure configured to extend into an access slot of a recess of a female interlock structure of another casing section; and
a frangible seal disposed over the access slot of the female interlock structure of the another casing section.

22. (New) The casing section of claim 21, wherein the frangible seal comprises neoprene.

23. (New) The casing section of claim 21, wherein the male interlock includes a leading edge having at least a sharpened edge portion.

24. (New) A casing section for use in a barrier, the casing section comprising:
a hollow elongated body having a longitudinal axis, a length and a perimeter;
a plurality of female interlock structures defining recesses disposed about the body in a predetermined arrangement, each of the recesses extending substantially parallel to the long axis along the length of the body and including an access slot thereinto from an exterior of the hollow elongated body;
a male interlock structure protruding from the exterior of the hollow elongated body and extending substantially parallel to the longitudinal axis and extending substantially along the length of the body, the male interlock structure configured to extend into an access slot of a recess of a female interlock structure of another casing section;
a central tube inside the hollow elongated body extending substantially parallel to the long axis;
a first reactive layer disposed in the central tube, the first reactive layer configured to react with a contaminant exiting a zone of interest into an opening of the tube; and
a second reactive layer disposed adjacent to the first reactive layer, the second reactive layer configured to react with a contaminant exiting the first reactive layer.